

## EAST Search History

| Ref # | Hits | Search Query   | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|------|--|-------|------------------|---------|------------------|
| S59   | 52   | (link\$1 or rate\$1) near2.(adapt\$5 or adjust\$4 or updat\$4 or compensat\$4 or correct\$4) same ((channel\$1 near2 (condition\$1 or estimat\$4 or state\$1)) or snr or (signal\$2noise\$2ratio\$1) or (signal near2 noise near2 ratio\$1) or sinr or sir) near2 (metric\$1 or threshol\$1 or target\$1 or desir\$4 or optim\$4) and (@pd<"20011228" or @ad<"20011228" or @prad<"20011228" or @rlad<"20011228")                               | USPAT | OR               | OFF     | 2007/04/02 17:13 |
| S60   | 69   | (link\$1 or rate\$1) near2 (adapt\$5 or adjust\$4 or updat\$4 or compensat\$4 or correct\$4 or var\$4) same ((channel\$1 near2 (condition\$1 or estimat\$4 or state\$1)) or snr or (signal\$2noise\$2ratio\$1) or (signal near2 noise near2 ratio\$1) or sinr or sir) near2 (metric\$1 or threshol\$1 or target\$1 or desir\$4 or optim\$4) and (@pd<"20011228" or @ad<"20011228" or @prad<"20011228" or @rlad<"20011228")                     | USPAT | OR               | OFF     | 2007/04/02 17:13 |
| S61   | 73   | (link\$1 or rate\$1) near2 (adapt\$5 or adjust\$4 or updat\$4 or compensat\$4 or correct\$4 or var\$4) same (((channel\$1 or performance\$1) near2 (condition\$1 or estimat\$4 or state\$1)) or snr or (signal\$2noise\$2ratio\$1) or (signal near2 noise near2 ratio\$1) or sinr or sir) near2 (metric\$1 or threshol\$1 or target\$1 or desir\$4 or optim\$4) and (@pd<"20011228" or @ad<"20011228" or @prad<"20011228" or @rlad<"20011228") | USPAT | OR               | OFF     | 2007/04/03 10:00 |

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|     |     |  |       |    |     |                  |
|-----|-----|--|-------|----|-----|------------------|
| S64 | 91  | (link\$1 or rate\$1) near2 (adapt\$5 or adjust\$4 or updat\$4 or compensat\$4 or correct\$4 or var\$4) same (((quality) near2 (indicat\$4 or estimat\$4 or measur\$5 or threshold\$1 or metric\$1)) or snr or "s/n" or (signal\$2noise\$2ratio\$1) or (signal near2 noise near2 ratio\$1) or sinr or sir) near2 (metric\$1 or threshold\$1 or target\$1 or desir\$4 or optim\$4) and (@pd<"20011228" or @ad<"20011228" or @prad<"20011228" or @rlad<"20011228")  | USPAT | OR | OFF | 2007/04/03 10:04 |
| S65 | 69  | (link\$1 or rate\$1) near2 (adapt\$5 or adjust\$4 or updat\$4 or compensat\$4 or correct\$4 or var\$4) same (((quality) near2 (indicat\$4 or estimat\$4 or measur\$5 or determin\$5 or detect\$4)) or snr or "s/n" or (signal\$2noise\$2ratio\$1) or (signal near2 noise near2 ratio\$1) or sinr or sir) near2 (metric\$1 or threshold\$1 or target\$1 or desir\$4 or optim\$4) and (@pd<"20011228" or @ad<"20011228" or @prad<"20011228" or @rlad<"20011228")   | USPAT | OR | OFF | 2007/04/03 10:42 |
| S68 | 101 | (link\$1 or rate\$1) near2 (adapt\$5 or adjust\$4 or updat\$4 or compensat\$4 or correct\$4 or var\$4) same (((quality or channel\$1 or performance\$1) near2 (indicat\$4 or estimat\$4 or measur\$5 or determin\$5 or detect\$4 or condition\$1 or state\$1 or status)) or snr or "s/n" or (signal\$2noise\$2ratio\$1) or (signal near2 noise near2 ratio\$1) or sinr or sir) near2 (metric\$1 or threshold\$1 or target\$1 or desir\$4 or optim\$4) and (@pd<"20011228" or @ad<"20011228" or @prad<"20011228" or @rlad<"20011228") | USPAT | OR | OFF | 2007/04/03 10:44 |

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|     |    |  |       |    |     |                  |
|-----|----|--|-------|----|-----|------------------|
| S69 | 5  | (link\$1 or rate\$1) near2 (adapt\$5 or adjust\$4 or updat\$4 or compensat\$4 or correct\$4 or var\$4) same (((quality or channel\$1 or performance\$1) near2 (indicat\$4 or estimat\$4 or measur\$5 or determin\$5 or detect\$4 or condition\$1 or state\$1 or status)) or snr or "s/n" or (signal\$2noise\$2ratio\$1) or (signal near2 noise near2 ratio\$1) or sinr or sir) near2 (metric\$1 or threshol\$1 or target\$1 or reference\$1 or criteri\$3) same (increas\$4 or decreas\$4 or up or down or increment\$4 or decrement\$4 or lower\$4) near4 (differ\$4 or multiple\$1 or variable\$1 or vary\$4) and (@pd<"20011228" or @ad<"20011228" or @prad<"20011228" or @rlad<"20011228") | USPAT | OR | OFF | 2007/04/03 10:49 |
| S70 | 46 | (link\$1 or rate\$1) near2 (adapt\$5 or adjust\$4 or updat\$4 or compensat\$4 or correct\$4 or var\$4) same (((quality or channel\$1 or performance\$1) near2 (indicat\$4 or estimat\$4 or measur\$5 or determin\$5 or detect\$4 or condition\$1 or state\$1 or status)) or snr or "s/n" or (signal\$2noise\$2ratio\$1) or (signal near2 noise near2 ratio\$1) or sinr or sir) near2 (metric\$1 or threshol\$1 or target\$1 or reference\$1 or criteri\$3) same (increas\$4 or decreas\$4 or up or down or increment\$4 or decrement\$4 or lower\$4) and (@pd<"20011228" or @ad<"20011228" or @prad<"20011228" or @rlad<"20011228")  | USPAT | OR | OFF | 2007/04/03 11:24 |

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|     |     |  |       |    |     |                  |
|-----|-----|--|-------|----|-----|------------------|
| S72 | 198 | (link\$1 or rate\$1) near2 (adapt\$5 or adjust\$4 or updat\$4 or compensat\$4 or correct\$4 or var\$4) and (((quality or channel\$1 or performance\$1) near2 (indicat\$4 or estimat\$4 or measur\$5 or determin\$5 or detect\$4 or condition\$1 or state\$1 or status)) or snr or "s/n" or (signal\$2noise\$2ratio\$1) or (signal near2 noise near2 ratio\$1) or sinr or sir) near2 (metric\$1 or threshol\$1 or target\$1 or reference\$1 or criteri\$3) with (increas\$4 or decreas\$4 or up or down or increment\$4 or decrement\$4 or lower\$4) and (@pd<"20011228" or @ad<"20011228" or @prad<"20011228" or @rlad<"20011228") | USPAT | OR | OFF | 2007/04/03 11:25 |
|-----|-----|--|-------|----|-----|------------------|